

ABSTRACT OF THE DISCLOSURE

A controller of a data recorder that records data on a recording medium such that the occurrence of buffer underrun errors are prevented. Data encoded by an encoder is recorded on the recording medium. A decoder decodes the data recorded on the recording medium. The data recorder interrupts the recording of data when a buffer underrun is likely to occur. The controller restarts the recording of data when the decoded data and the encoded data are synchronized. When the decoded data is delayed from the encoded data, the controller stops the encoding until the decoded data catches up with the encoded data.